

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraphs at page 1, line 1 to page 3, line 5, with the following rewritten paragraphs:

-- ~~TITLE: A CERAMIC SPINDLE FOR A FAUCET IN TEMPERATURE~~
CONTROL A SPINDLE STRUCTURE FOR A CERAMIC
FAUCET

BACKGROUND OF THE INVENTION**(a) Technical Field of the Invention**

The present invention relates to a ceramic spindle for a faucet, and in particular, ~~the spindle used in temperature control mechanism to control~~ to one used for controlling water flow into cold/hot water tube in a certain proportion to provide the required water temperature. The water after mixed is flowing out through the tube ~~[[5]]~~ and the water flow rate control mechanism ~~[[3]]~~ to the shower head.

(b) Description of the Prior Art

FIG. 2 is a conventional spindle body 1 including a housing 10, a rotating shaft module 20, a water-distribution disc 30, a water guiding disc 40 and a cap 50. The bottom section of the housing 10 is ~~opened~~ open and the top section ~~[[is]]~~ has a protruded edge having a shaft hole. The two lateral sides at the inner surface of the housing ~~[[is]]~~ are each provided with a protruded block 101.

The rotating module 20 is mounted within the housing 10 wherein the rotating shaft 21 at the top section passes through the top portion of the housing 10. The two sides of the ~~driven~~ driving plate 22 at the bottom section are each provided with ~~rotating-step~~ protruded block 222 and the bottom face is mounted with a plurality of the engaging protruded ~~block~~ blocks 221. The top face of the water-distribution disc 30 is provided with ~~corresponding slot 30~~ three slots 301 which ~~[[is]]~~ are engageable with the protruded block 221 such that the water-distribution disc 30 is

driven to rotate by the driving plate 22. The bottom face of the water-distribution disc 30 is provided with a water-distribution slot 302 so that it urges the top face of the water-guiding plate 40. The water-guiding plate 40 urges the top face of the cap 50 and the similar position of the water-guiding plate 40 and the cap 50 are provided with two inlets 401, 402 and 501, 502 and a water outlet 403, 503. The body of these components after combined is installed within a temperature-control mechanism 2, as shown in FIG. 1. The operation of the combination is described as follows. Cold and hot water via the cold and hot water ~~[[tube]]~~ tubes are respectively guided via the inlets 501, 502 of the cap 50, and via the inlets 401, 402 of the water-guiding disc 40 into the water-distribution slot 302 of the water-distribution disc 30. The cold and hot water ~~[[are]]~~ is mixed at the water-distribution slot 302 and is then guided via the water outlet 401 of the water-guiding disc 40 and the water outlet 503 of the cap 50 to the water outlet tube. The temperature control of the water is by using the water-distribution slot 301 of the water distribution disc 30, and the water inlet hole and the surface of the water outlet. The conventional spindle employs the protruded block 222 of the driving plate 22 and the protruded block 101 of the housing to achieve the ~~limiting~~ limitation of the ~~rotational~~ rotation of the adjusting button but the engaging components of the ceramic spindle is mounted within the ~~internal~~ interior of the spindle. The limitation of left and right rotation is a single configuration and cannot be adjusted. Accordingly it is an object of the present invention to provide a ceramic spindle for a faucet, which overcomes the above drawback. --

Please replace the paragraph at page 4, lines 9 to 12, with the following rewritten paragraph:

-- Yet another object of the present invention is to provide a ceramic spindle for

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a faucet, wherein a ~~rotating-stop~~ stop component is mounted at the ~~external~~ exterior of the housing, and therefore any of ~~rotating-stop components~~ the stop component can be replaced easily. --

Please replace the paragraph at page 7, line 9 to page 10, line 2, with the following rewritten paragraph:

-- Referring to FIGS. 3 and 4, there is shown a ceramic spindle for a faucet comprising a housing 10, a rotating shaft module 20, a water-distribution disc 30, a water-guiding disc 40 and a cap 50 combined to form the body 1. ~~[[The]]~~ On the top section of the housing 10 there is a rim seat 60 mounted with a ~~rotating-stop-mounting~~ stop rim 70. The bottom section of the housing 10 is ~~opened~~ open, the top portion of the housing 10 is provided with a rim side having teeth 111 and the center thereof is provided with a protruded edge 11 with a shaft hole. The rotating shaft module 20 includes a rotating shaft ~~[[20]]~~ 21 fastened to the protruded edge at the center of the top portion of the driving plate 22, which is directly inserted into the housing 10 so that the protruded edge of the driving plate 22 is positioned at the shaft hole of the housing 10, and the rotating shaft 21 passes through the shaft hole to connect with other component. The bottom face of the driving plate 22 is provided with a plurality of engaging protruded ~~block~~ blocks 221. The top face of the water-distribution plate 30 is provided with ~~corresponding engaging slot~~ a plurality of engaging slots 301 so that when the top face of the water-distribution disc 30 and the bottom face of the driving plate 22 approach to each other, the protruded block 221 will be engaged with the engaging slot 301 and the water-distribution disc 30 will be rotated with the driving plate 22. The bottom face of the water-distribution slot 30 ~~[[is]]~~ has a ~~butter-fly-shape~~ butterfly shaped water distribution slot 302 ~~to~~ urge at facing the top ~~[[face]]~~ of the water-guiding disc 40. The corresponding

positions of the water-guiding disc 40 and the water-distribution slot 302 are provided with two water inlet holes 401, 402 and a water outlet hole 403. The cap 50, close to the bottom section of the water-guiding disc 40 covers the opening at the bottom section of the housing 10. The ~~disc face~~ top of the caps 5 is provided with water inlet holes 501, 502 and water outlet hole 503 corresponding to ~~[[that]]~~ the water inlet holes 401 and 402 and the water outlet hole 403 of the water-guiding disc 40 such that when it is positioned into the rotating button mechanism, the ~~water-inlet~~ water inlet holes 501, 502 are respectively in communication with the cold and hot water ~~[[tube]]~~ tubes, and the water outlet hole 503 is in communication with the water outlet tube. In accordance with the present invention, the protruded edge 11 at the rim edge having teeth 111 at the top portion of the housing 10 is mounted with ~~a rotating~~ the rim seat 60 and ~~a rotating-stop mounting~~ the stop rim 70. As shown in FIG. 3, the ~~rotating~~ rim seat 60 is provided with a mounting hole 601 and teeth 602 are provided at the internal rim face of the mounting hole 601 which are corresponding to the protruded edge 11 of the housing 10 such that ~~[[when]]~~ the two components can be ~~engageable-mounted~~ engaged together. The teeth 111 and 602 are respectively provided with ~~[[a]]~~ positioning ~~section~~ sections 112 and 603 such that the rim seat 60 and the protruded edge 11 can be engaged together ~~[[and]]~~ to provide a specific connecting position. The top end, at one side of the rim seat 60, is upwardly extended to form a protruded positioning block 604. ~~A rotating-stop mounting~~ The stop rim 70 with a shaft hole 701 is mounted onto the rotating shaft 21 so that it can be driven to rotate. The edge face of the stop rim 70 is formed into teeth face which is a gear structure. ~~[[One]]~~ At one side of the rim edge there is a protruded ~~rotating-stop-protruded~~ block 702. By rotating of the rotating shaft 21 and the urging of the positioning block 604 and the protruded block 702, the rotating shaft 21 can be stopped so as to control the left-and-right rotating range of the

rotating shaft 21 which drives the water-distribution disc 40 to control the temperature of the water. Further, the rim seat 60 and the ~~rotating-stop-mounting~~ stop rim 70 are mounted at the exterior of the body, and a plurality of ~~rotating-stop-mounting-rim~~ stop rims can be mounted or the ~~rotating-stop-rim~~ stop rims with various ~~[[of]]~~ sizes of ~~the protruded-block~~ protruded blocks can be mounted onto the rim seat 60~~[[,]]~~. Hence, the limit of the rotating of the rotating shaft 21 can be easily changed so that the cold and hot water inlet hole and outlet hole can be changed and the ceramic spindle can be used or installed onto all kinds of faucets.

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